

Assembly Numbers

OXY-THERM® FHR Burners

Configured Item Numbers

Burner size	OXY-THERM® FHR gas burners	OXY-THERM® FHR oil burners
Small (S)	OT FHR S G	OT FHR S O
Medium (M)	OT FHR M G	OT FHR M O
Large (L)	OT FHR L G	OT FHR L O
Extra Large (XL)	OT FHR XL G	OT FHR XL O

Segment choice detail - OXY-THERM® FHR gas burners

Segment choices for configured item number OT FHR S G

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	N	Natural gas
		X	Special gas (see Engineering)
FUEL FLOW	Choice of fuel flow in cubic meters/hour	036	36 cubic meters/hour
		043	43 cubic meters/hour
		050	50 cubic meters/hour
		056	56 cubic meters/hour
		065	65 cubic meters/hour
		082	82 cubic meters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
OIL CONVERSION KIT	Choice of oil conversion kit, if desired	NON	None
		041	41 liters/hour
		058	58 liters/hour
		068	68 liters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choices for configured item number OT FHR M G

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	N	Natural gas
		X	Special gas (see Engineering)
FUEL FLOW	Choice of fuel flow in cubic meters/hour	081	81 cubic meters/hour
		103	103 cubic meters/hour
		113	113 cubic meters/hour
		124	124 cubic meters/hour
		161	161 cubic meters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
OIL CONVERSION KIT	Choice of oil conversion kit, if desired	NON	None
		99	99 liters/hour
		134	134 liters/hour
		193	193 liters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choices for configured item number OT FHR L G

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	N	Natural gas
		X	Special gas (see Engineering)
FUEL FLOW	Choice of fuel flow in cubic meters/hour	170	170 cubic meters/hour
		187	187 cubic meters/hour
		204	204 cubic meters/hour
		266	266 cubic meters/hour
		339	339 cubic meters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
OIL CONVERSION KIT	Choice of oil conversion kit, if desired	NON	None
		217	217 liters/hour
		251	251 liters/hour
		313	313 liters/hour
		358	358 liters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choices for configured item number OT FHR XL G

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	N	Natural gas
		X	Special gas (see Engineering)
FUEL FLOW	Choice of fuel flow in cubic meters/hour	281	281 cubic meters/hour
		365	365 cubic meters/hour
		466	466 cubic meters/hour
		566	566 cubic meters/hour
		667	667 cubic meters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
OIL CONVERSION KIT	Choice of oil conversion kit, if desired	NON	None
		462	462 liters/hour
		500	500 liters/hour
		569	569 liters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choice detail - OXY-THERM® FHR oil burners

Segment choices for configured item number OT FHR S O

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	H	Heavy fuel oil
		L	Light fuel oil
FUEL FLOW	Choice of fuel flow in liters/hour	041	41 liters/hour
		058	58 liters/hour
		068	68 liters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
GAS CONVERSION KIT	Choice of gas conver- sion kit, if desired	NON	None
		036	36 cubic meters/hour
		043	43 cubic meters/hour
		050	50 cubic meters/hour
		056	56 cubic meters/hour
		065	65 cubic meters/hour
		082	82 cubic meters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choices for configured item number OT FHR M O

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	H	Heavy fuel oil
		L	Light fuel oil
FUEL FLOW	Choice of fuel flow in liters/hour	099	99 liters/hour
		134	134 liters/hour
		193	193 liters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
GAS CONVERSION KIT	Choice of gas conver- sion kit, if desired	NON	None
		081	81 cubic meters/hour
		103	103 cubic meters/hour
		113	113 cubic meters/hour
		124	124 cubic meters/hour
		161	161 cubic meters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choices for configured item number OT FHR L O

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	H	Heavy fuel oil
		L	Light fuel oil
FUEL FLOW	Choice of fuel flow in liters/hour	217	217 liters/hour
		251	251 liters/hour
		313	313 liters/hour
		358	358 liters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
GAS CONVERSION KIT	Choice of gas conver- sion kit, if desired	NON	None
		170	170 cubic meters/hour
		187	187 cubic meters/hour
		204	204 cubic meters/hour
		266	266 cubic meters/hour
		339	339 cubic meters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Segment choices for configured item number OT FHR XL O

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
FUEL	Type of fuel	H	Heavy fuel oil
		L	Light fuel oil
FUEL FLOW	Choice of fuel flow in liters/hour	462	462 liters/hour
		500	500 liters/hour
		569	569 liters/hour
BLOCK MATERIAL	Type of material	M	MFZ-6 Mullite
BURNER BLOCK	Order with or without block	N	No
		Y	Yes
GAS CONVERSION KIT	Choice of gas conver- sion kit, if desired	NON	None
		281	281 cubic meters/hour
		365	365 cubic meters/hour
		466	466 cubic meters/hour
		566	566 cubic meters/hour
		667	667 cubic meters/hour
TAGGING	Choice of tag style, if desired	ALW	Aluminum (wire-on)
		NONE	No tagging
		SSW	Stainless steel (wire-on)

Replacement parts

Burner blocks

OXY-THERM® FHR housing size	Mullite block	Mounting plate	Gasket
Small	50113298-001	50115613-001	50114600-001
Medium	50113299-001	50114635-001	50114622-001
Large	50113300-001	50114658-001	50114647-001
Extra Large	50113301-001	50114676-001	50114664-001

Gas shim kits

OXY-THERM® FHR housing size	Gas flow (m³(st)/h)	Shim kit
Small	036	50115754-001
	043	50115755-001
	050	50115756-001
	056	50115757-001
	065	50115758-001
	082	50115759-001
Medium	081	50115760-001
	103	50115761-001
	113	50115762-001
	124	50115763-001
	161	50115764-001
Large	170	50115766-001
	187	50115767-001
	204	50115768-001
	266	50115769-001
	339	50115770-001
Extra Large	281	50115771-001
	365	50115772-001
	466	50115773-001
	566	50115774-001
	667	50115775-001

Oil inserts/tubes

OXY-THERM® FHR housing size	Flow (liters/h)	Oil insert	Oil tube
Small	041	50116532-001	50116519-001
	058	50116533-001	50116520-001
	068	50116534-001	50116521-001
Medium	099	50116535-001	50116522-001
	134	50116536-001	50116523-001
	193	50116537-001	50116524-001
Large	217	50116538-001	50116525-001
	251	50116539-001	50116526-001
	313	50116540-001	50116527-001
	358	50116541-001	50116528-001
Extra Large	462	50116542-001	50116529-001
	500	50116543-001	50116530-001
	559	50116544-001	50116531-001

Note: Oil insert contains oil tube

Configured OXY-THERM® FHR conversion kits

Configured item number: OT FHR CNV

Segment name	Segment description	Segment choices (DEFAULT is shaded)	Segment choice description
ORIGINAL SIZE	Housing size of original burner	L	Large
		M	Medium
		S	Small
		XL	Extra large
ORIGINAL FUEL	Fuel choice of original burner	G	Gas
		O	Oil
NEW FUEL	Convert to this fuel	H	Heavy fuel oil
		L	Light fuel oil
		N	Natural gas
		N	None
GAS-TO-OIL CONVERSION LITERS/H	Choice of oil flow	041	41 liters/hour
		058	58 liters/hour
		068	68 liters/hour
		099	99 liters/hour
		134	134 liters/hour
		193	193 liters/hour
		217	217 liters/hour
		251	251 liters/hour
		313	313 liters/hour
		358	358 liters/hour
		462	462 liters/hour
		500	500 liters/hour
		569	569 liters/hour
OIL-TO-GAS CONVERSION CUBIC METERS/H	Choice of gas flow	N	None
		036	36 cubic meters/hour
		043	43 cubic meters/hour
		050	50 cubic meters/hour
		056	56 cubic meters/hour
		065	65 cubic meters/hour
		081	81 cubic meters/hour
		082	82 cubic meters/hour
		103	103 cubic meters/hour
		113	113 cubic meters/hour
		124	124 cubic meters/hour
		161	161 cubic meters/hour
		170	170 cubic meters/hour
		187	187 cubic meters/hour
		204	204 cubic meters/hour
		266	266 cubic meters/hour
		281	281 cubic meters/hour
		339	339 cubic meters/hour
		365	365 cubic meters/hour
		466	466 cubic meters/hour
		566	566 cubic meters/hour
		667	667 cubic meters/hour